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APPLICATION OF REMOTE SENSING
FOR FISHERY RESOURCE
ASSESSMENT AND MONITORING

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SKYLAB EXPERIMENT NO. 240

CONTRACT No. T-8217B

PROGRESS REPORT NO. 20

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**APPLICATION OF REMOTE SENSING
FOR FISHERY RESOURCE
ASSESSMENT AND MONITORING**

INTRODUCTION

This is report #21 of a series of progress reports required by the Statement of Work for Skylab Experiment #240 entitled "Application of Remote Sensing for Oceanic Gamefish Assessment and Monitoring" under Contract No. T-8217B.

OVERALL STATUS

The S192 processing and analysis has been completed. The data from spectral bands 2, 3, 6 and 7 were used to develop a white marlin distribution model. The correlation coefficient for this model was .892 which was an improvement over .489 for a model constructed entirely with sea truth data (D_5). The significance level for this model was 90 percent as compared to 60% for the model D_5 . Therefore, the increase in precision of the model can be attributed to the data from the S192 sensor.